

Rec'd PC TO 30 SEP 2002  
09/830244

PF-0620 USN

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GUEGLER, Karl J.  
PATTERSON, Chandra

<120> LYSINE-RICH STATHERIN PROTEIN

<130> PF-0620 USN

<140> 09/830,244

<141> Herewith

<150> PCT/US99/24046

<151> 1999-10-22

<150> 60/155,209

<151> 1998-10-23

<160> 6

<170> PERL Program

<210> 1

<211> 95

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 2820214CD1

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| Met | Trp | Phe | His | Lys | Val | Gly | Arg | Lys | Gln | His | Phe | Lys | Val | Thr |
| 1   |     |     |     | 5   |     |     |     |     | 10  |     |     |     |     | 15  |
| Phe | Trp | Glu | Thr | Asp | Leu | Ser | Asn | Asn | Lys | Thr | Leu | Val | Ser | Leu |
|     |     |     |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |
| Lys | Lys | Lys | Lys | Pro | Phe | His | Leu | Tyr | Cys | Val | Ile | Tyr | Ile | Pro |
|     |     |     |     | 35  |     |     |     |     | 40  |     |     |     |     | 45  |
| Leu | Val | Pro | Lys | Leu | Ile | Ile | Leu | Phe | Leu | Asp | Ile | Ala | Phe | Ile |
|     |     |     |     | 50  |     |     |     |     | 55  |     |     |     |     | 60  |
| Pro | Lys | Ser | Leu | Ile | Ser | Gln | Phe | Gln | Asn | Asn | His | Tyr | Thr | His |
|     |     |     |     | 65  |     |     |     |     | 70  |     |     |     |     | 75  |
| Asn | His | Thr | Asn | His | Asn | Thr | Asn | Asn | Ile | Arg | Phe | Asn | Ile | Ile |
|     |     |     |     | 80  |     |     |     |     | 85  |     |     |     |     | 90  |
| Ser | Asn | Cys | Arg | Thr |     |     |     |     |     |     |     |     |     |     |
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<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 2820214CB1

PF-0620 USN

<220>

<221> unsure

<222> 1242

<223> a, t, c, g, or other

<400> 2

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tggaatttat cagacttgtg agtaaacaag ttgaagttaa gcagatgagg gggaaatattg 180
aggcccctaa ggctaaacaa aataatcagt atctgagata gtggctaata tggctcccca 240
ggcctaattt gggaacagtt tttcctgatt gctttgagaa gtactttctt ttgacagaaa 300
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ttttgtggga aatgtcccat tagcattttc agatcttttg atgtgcacta atgccattat 420
tggtaatgcc gttattggtg aatacagcat agttaataa actgttacag taaatctaca 480
cttggatttg ctgcacctct accaatagcc ttttgaatga ctgaaagtgt taacagagaa 540
agaggcatgt ctgcagaaag agatagctaa tattttttgg tactttatct gaaatccaag 600
atgctgcttc ccctgcaggt tgttttcctt cttacgatcc tcattgaatc ccctctggga 660
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aaccactata cgcacaacca taccaaccac aataccaaca atatacgttt taatatcatc 1140
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tctcatcttt cataccatat cacactacta ccactttttg tnagatcatc taagagcaat 1260
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<223> GenBank ID No: g338508

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             20             25             30
Gly Arg Phe Gly Tyr Gly Tyr Gly Pro Tyr Gln Pro Val Pro Glu
             35             40             45
Gln Pro Leu Tyr Pro Gln Pro Tyr Gln Pro Gln Tyr Gln Gln Tyr
             50             55             60
Thr Phe
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<211> 51

<212> PRT

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<213> Homo sapiens

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<223> GenBank ID No: g179466

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| Met | Lys | Phe | Phe | Val | Phe | Ala | Leu | Ile | Leu | Ala | Leu | Met | Leu | Ser |
| 1   |     |     |     | 5   |     |     |     |     | 10  |     |     |     |     | 15  |
| Met | Thr | Gly | Ala | Asp | Ser | His | Ala | Lys | Arg | His | His | Gly | Tyr | Lys |
|     |     |     |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |
| Arg | Lys | Phe | His | Glu | Lys | His | His | Ser | His | Arg | Gly | Tyr | Arg | Ser |
|     |     |     |     | 35  |     |     |     |     | 40  |     |     |     |     | 45  |
| Asn | Tyr | Leu | Tyr | Asp | Asn |     |     |     |     |     |     |     |     |     |
|     |     |     |     | 50  |     |     |     |     |     |     |     |     |     |     |

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<211> 552

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> GenBank ID No: g338507

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| accagccaa  | ctatgaagtt | ccttgtcttt | gccttcatct | tggtctctcat | ggtttccatg | 120 |
| attggagctg | attcatctga | agagaaattt | ttgcgtagaa | ttggaagatt  | cggttatggg | 180 |
| tatggccctt | atcagccagt | tccagaacaa | ccactatacc | cacaaccata  | ccaaccacaa | 240 |
| taccaacaat | atacctttta | atatcatcag | taactgcagg | acatgattat  | tgaggcttga | 300 |
| ttggcaaata | cgacttctac | atccatattc | tcacttttca | taccatatca  | cactactacc | 360 |
| actttttgaa | gaatcatcaa | agagcaatgc | aaatgaaaaa | cactataatt  | tactgtatac | 420 |
| tctttgtttc | aggatacttg | ccttttcaat | tgtcacttga | tgatataatt  | gcaattttaa | 480 |
| ctgttaagct | gtgttcagta | ctgtttctga | ataatagaaa | tcacttctct  | aaaagcaata | 540 |
| aatttcaagc | cc         |            |            |             |            | 552 |

<210> 6

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> GenBank ID No: g179465

<400> 6

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| aatcttggct | ctcatgcttt | ccatgactgg | agctgattca | catgcaaaga | gacatcatgg | 120 |
| gtataaaaga | aaattccatg | aaaagcatca | ttcacatcga | ggctatagat | caaattatct | 180 |
| gtatgacaat | tgatatcttc | agtaatcatg | gggcatgatt | atggagggtt | gactggcaaa | 240 |
| ttcgcttttg | actcgtgtat | tctcatttgt | cataccgcat | cacactacta | ctgctttttg | 300 |
| aaggaattat | cataaggcaa | tgagaataa  | aagaaatacc | atgatttagt | gaattctgtg | 360 |
| tttcaggata | cttcccttcc | taattatcat | ttgattagat | acttgcaatt | taaatgttaa | 420 |

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gctgttttca ctgctgtttc tgagtaatag aaattcattc ctctccaaaa gcaataaaat 480  
tcaagcacat t 491